Introducing A New Sony TRIMASTER LCD Monitor

Sony expands its TRIMASTER™ LCD Master Monitor Series with the addition of the BVM-L420, a 42-inch* LCD master monitor. Inheriting the same design concept as Sony's original BVM-L230 LCD master monitor, the BVM-L420 offers superb picture performance and sophisticated features equivalent to those of the BVM-L230.

* 42-inch viewable area measured diagonally.

SONY

BVM-L420

Professional Master Monitor

Preliminary

www.sonybiz.net/monitors

TRIMASTER

Main Features

The BVM-L420 offers a broad range of advanced features including:

> Superb Picture Quality and Stable Colour Temperature

Multiple Colour Gamuts (SMPTE-C, EBU, ITU-R BT.709, D-Cine and L420 Native) using the Non-linear Cubic Conversion colour management system

Ultra-high-precision Uniformity Correction

Precision Imaging achieved using the full HD 1920 by 1080 panel with 10-bit driver (exclusively developed I/P conversion technology)

Quality Picture Consistency for panel calibration and colour feedback system

> Multi-format Signal Support*1 (video signals from analogue composite to Dual-Link HD-SDI video input; PC signals from VGA to full HD via DVI-D and HDMI interfaces)

> Picture & Picture (Side-by-Side, Butterfly, Wipe, and Blending)

> Variety of Display Modes (Interlace Display, Backlight Blinking*2)

> S-LOG Gamma

> Pixel Zoom

> Gamut Error Display

> HD Frame Capture

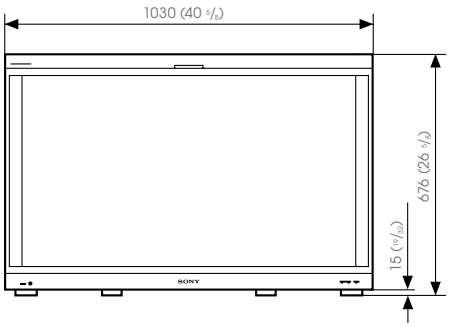
*1 Video interfaces are offered as optional boards (BKM-244CC, BKM-243HS, BKM-220D, BKM-229X, BKM-227W). PC interfaces (DVI-D and HDMI) are equipped as standard.

*2 Backlight Blinking is effective at 100/120 Hz frame rates.

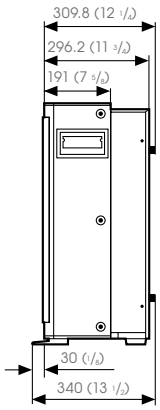
Dimensions

Unit : mm (inch)

Front



Side



Distributed by

Optional Accessories

> BKM-16R / Monitor Control Unit

> BKM-244CC / HD/SD-SDI Closed Caption Adaptor

> BKM-243HS / HD-SDI/SD-SDI Input Adaptor

> BKM-220D / SD-SDI 4:2:2 Input Adaptor

> BKM-229X / Analogue Component Adaptor

> BKM-227W / NTSC/PAL Input Adaptor

> SMF-700 / Monitor Interface Cable

Specifications

BVM-L420		
Picture Performance		
Type		a-Si TFT Active Matrix LCD
Picture Size	(Viewable Area)	Approx. 930.24 x 523.26 mm
	(H x V)	(Approx. 36 5/8 x 20 5/8 inches)
	(Diagonal)	1,067.3 mm (42 1/8 inches)
Aspect		16:9
Resolution (H x V)		1920 x 1080 pixels
Pixel Efficiency		99.99%
Backlight		High-purity LEDs
Preset Brightness		100 cd/m2 (D-Cine: 48 cd/m2) (when 100% white signal is input)
Panel drive		RGB 10 bit
Panel frame rate		96/100/120 Hz
Viewing angle		88°/88°/88°/88° (up/down/left/right contrast > 20:1)
Input / Output		
Video Input/Output		Four (4) slots
PC input		DVI-D (HDCP correspondence) x 1, HDMI x 1
Control	LAN	Ethernet (10 BASE-T/100 BASE-TX), RJ-45 x 1
	Parallel Remote	D-sub 9-pin (female) x 1
	Option A	Mini-DIN 8-pin (female) x 1
	Option B	USB (Type A) x 1 (used for future expansion)
DC 5V Out		Circle 4-pin (female) x 1
General		
Power Requirements		100 to 240 V AC, 4.2 to 0.8 A, 50/60 Hz
Power consumption		Approx. 400 W (at maximum load, the luminance compensation due to the aged deterioration of the LED is included.)
Operating Temperature		0 °C to 35 °C (32 °F to 95 °F) (Recommended operation temperature 20°C to 30°C (68°F to 86°F))
Operating Humidity		0% to 90% (no condensation)
Operating Pressure		700 hPa to 1060 hPa
Storage and Trans. Temperature		-20 °C to +60 °C (-4 °F to +140 °F)
Storage and Trans. Humidity		0% to 90%
Storage and Trans. Pressure		700 hPa to 1060 hPa
Dimensions (W x H x D)		1030 x 676 x 340 mm (40 5/8 x 26 5/8 x 13 1/2 inches)
Mass		Approx. 45 kg (99 lb 3 oz)
Supplied Accessories		AC power cord (Parts number: 1-534-827-1x for USA and Canada, 1-782-929-1x for Europe) (1), AC plug holder (1), Operation Manual (English and Japanese, 1), Connection Cable for Colour Temperature Probe (1), CD-ROM (1), Using the CD-ROM Manual (1), safety attachments (1)

©2008 Sony Corporation. All rights reserved.
Reproduction in whole or in part without permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measurements are approximate.
Images on monitors are simulated.
Sony, TRIMASTER, and Memory Stick are trademarks of Sony Corporation.
All other trademarks are the property of their respective owners.